# United States Patent and Trademark Office

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Virginia 22313-1450

# NOTICE OF ALLOWANCE AND FEE(S) DUE

05/12/2004

**EXAMINER** 

Fay Sharpe Fagan Minnich & McKee Suite 700 1100 Superior Avenue Cleveland, OH 44114

WONG, EDNA ART UNIT PAPER NUMBER

1753

DATE MAILED: 05/12/2004

ſ	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
٦	10/031.545	04/04/2002	Toshiaki Murata	KAW 2 0103	6557

TITLE OF INVENTION: PROCESS AND APPARATUS FOR PURIFICATION OF OXYGEN-CONTAINING GAS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1330	\$0	\$1330	08/12/2004

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

#### HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status is changed, pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above and notify the United States Patent and Trademark Office of the change in status, or

If the SMALL ENTITY is shown as NO:

- A. Pay TOTAL FEE(S) DUE shown above, or
- B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check the box below and enclose the PUBLICATION FEE and 1/2 the ISSUE FEE shown above.
- Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

#### PART B - FEE(S) TRANSMITTAL

# Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or <u>Fax</u> (703) 746-4000

	espondence including the I clow or directed otherwise	smitting the ISSUE FEE and	PUBLICATION FEE (if requirements of maintenance fees a new correspondence address	will be mailed to the current	Correspondence addrece ac			
CURRENT CORRESPONDENCE	ADDRESS (Note: Legibly mark-up	with any corrections or use Block 1)	Note: A certificate of Fee(s) Transmittal. The papers Fach addition	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must				
759	90 05/12/2004		have its own certification	te of mailing or transmission.	one of formal drawing, must			
Fay Sharpe Fagan			Ce	rtificate of Mailing or Tran	smission			
Minnich & McKee			States Postal Service	I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile				
Suite 700 1100 Superior Aven	nia		addressed to the Ma transmitted to the US	addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO, on the date indicated below.				
Cleveland, OH 441				(Depositor's name)				
,				· · · ·	(Signature)			
					(Date)			
APPLICATION NO.	FILING DATE	FIRST NAM	ED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.			
10/031,545	04/04/2002	Toshia	aki Murata	KAW 2 0103	6557			
,	OCESS AND APPARATU	IS FOR PURIFICATION OF	OXYGEN-CONTAINING GAS	3				
THEE OF HAVENHOUSE	TO CLOSS THE THE THEORY			•				
APPLN, TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE			
nonprovisional	NO	\$1330	\$0	\$1330	08/12/2004			
EXAM	INER	ART UNIT	CLASS-SUBCLASS	7				
WONG,		1753	204-158200	٠ .				
1. Change of correspondence	address or indication of "Fo	ee Address" (37 2. For p	printing on the patent front page	, list (1) the				
CFR 1.363).			of up to 3 registered patent a OR, alternatively, (2) the name					
☐ Change of corresponder Address form PTO/SB/12	nce address (or Change of C 2) attached.	firm (ha	n (having as a member a registered attorney or nt) and the names of up to 2 registered patent rneys or agents. If no name is listed, no name					
☐ "Fee Address" indication	on (or "Fee Address" Indicat	tion form						
PTO/SB/47; Rev 03-02 o Number is required.	r more recent) attached. Use	e of a Customer will be p		3				
3. ASSIGNEE NAME AND	RESIDENCE DATA TO B	E PRINTED ON THE PATE	NT (print or type)					
DI EACE NOTE: Unless	an assignee is identified beld to the USPTO or is being s	low, no assignee data will app submitted under separate cove	pear on the patent. Inclusion of a r. Completion of this form is NO NCE: (CITY and STATE OR CO	T a substitute for filing an ass	ate when an assignment has ignment.			
(1)	-	, ,		,				
				d de des				
		ries (will not be printed on the		corporation or other private g	roup entity  government			
4a. The following fee(s) are 6	enciosed:	•	of rec(s).  I in the amount of the fee(s) is en	closed				
☐ Publication Fee			at by credit card. Form PTO-2038					
	Copies		rector is hereby authorized by o	ctor is hereby authorized by charge the required fee(s), or credit any overpayment, to				
		Deposit A	ccount Number	(enclose an extra	<u></u>			
Director for Patents is reques	ted to apply the Issue Fee a	nd Publication Fee (if any) or	to re-apply any previously paid	issue fee to the application id	entified above.			
(Authorized Signature)		(Date)						
other than the applicant; a interest as shown by the rec	registered attorney or age ords of the United States Pa		party in					
obtain or retain a benefit the application. Confidentiality estimated to take 12 minute completed application for case. Any comments on suggestions for reducing the Patent and Trademark (22313.1450) DO NOT S	by the public which is to find a governed by 35 U.S.C. I less to complete, including gone to the USPTO. Time with a grount of time, you	1.311. The information is re ile (and by the USPTO to pr .22 and 37 CFR 1.14. This col athering, preparing, and subm Il vary depending upon the i require to complete this for to the Chief Information Offi of Commerce, Alexandria, TTED FORMS TO THIS AL ginia 22313-1450.	ocess) an llection is itting the m, and/or					

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.



### UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandra, Virginia 22313-1450 www.uspto.gov

CONFIRMATION NO. ATTORNEY DOCKET NO. FIRST NAMED INVENTOR APPLICATION NO. FILING DATE KAW 2 0103 6557 Toshiaki Murata 04/04/2002 10/031,545 EXAMINER 05/12/2004 WONG, EDNA Fay Sharpe Fagan Minnich & McKee PAPER NUMBER ART UNIT Suite 700 1753 1100 Superior Avenue Cleveland, OH 44114 DATE MAILED: 05/12/2004

# Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 3 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 3 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) system (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (703) 305-1383. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.